

Human CD86 molecule ELISA Kit | CD86 elisa kit

Human soluble Cluster of differentiation 86, sCD86 ELISA Kit

CATALOG #
AAA80050

REACTIVITY
Human

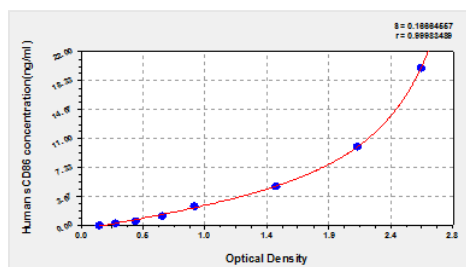
PRODUCT SYNONYMS

CD86 molecule; Human soluble Cluster of differentiation 86; sCD86 ELISA Kit; B7-2; B70; CD28LG2; LAB72; MGC34413; B-lymphocyte activation antigen B7-2; B7-2 antigen; CD28 antigen ligand 2; CD86 antigen; CD86 antigen (CD28 antigen ligand 2; B7-2 antigen) ; CTLA-4 counter-receptor B; CD86 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human sCD86. No significant cross-reactivity or interference between human sCD86 and analogues was observed.
Sequence Length	217
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.312 ng/ml-20 ng/ml
Sensitivity	< 0.078 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD86 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for sCD86 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any sCD86 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for sCD86 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of sCD86 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	332634950
NCBI GeneID	942
NCBI Accession #	NP_001193853.1
NCBI GenBank Nucleotide #	NM_001206924.1
UniProt Accession #	P42081; Q13655; Q6FHB1; Q6GTS4; Q7M4L5; A0N0P0; B7Z2F3; B7Z702; E7ETN5; E9PC27
Molecular Weight	37,682 Da
NCBI Official Full Name	T-lymphocyte activation antigen CD86 isoform 4
NCBI Official Synonym Full Names	CD86 molecule
NCBI Official Symbol	CD86
NCBI Official Synonym Symbols	B70; B7-2; B7.2; LAB72; CD28LG2
NCBI Protein Information	T-lymphocyte activation antigen CD86; BU63; FUN-1; CTLA-4 counter-receptor B7.2; B-lymphocyte activation antigen B7-2; CD86 antigen (CD28 antigen ligand 2, B7-2 antigen)
UniProt Protein Name	T-lymphocyte activation antigen CD86
UniProt Gene Name	CD86
UniProt Synonym Gene Names	CD28LG2
UniProt Entry Name	CD86_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/cd86-molecule/80050>